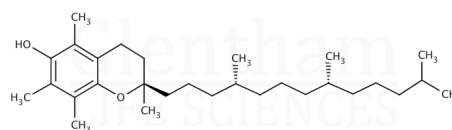


Product Specification

Product Name	DL-alpha-Tocopherol
Glentham Code	GP5981
CAS Number	10191-41-0
EINECS	233-466-0
MDL-Nummer	MFCD00006848
Zusätzliche CAS	2074-53-5
Zusätzliche CAS	1406-18-4
PubChem SID	310272467



Molecular Weight	430.72
Molecular Formula	$C_{29}H_{50}O_2$
Storage Temp.	+4°C

Property	Specification
Physical Description	Pale yellow to brown, clear viscous liquid
Identification	According to EP, USP
Specific Optical Rotation	-0.01 - +0.01 °
Sulphated Ash	≤ 0.1%
Acidity	≤ 1.0ml
Heavy Metals (as Pb)	≤ 10ppm
Lead (Pb)	≤ 2ppm
Arsenic (As)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Zinc (Zn)	≤ 10ppm
Related Substances	Impurity A: ≤ 0.5%
	Impurity B: ≤ 1.5%
	Impurity C + D: ≤ 1.0%
	Any Other Impurity: ≤ 0.25%
	Total Impurities: ≤ 2.5%
Assay	96.0 - 102.0 % (USP)
Assay	96.0 - 102.0 % (EP)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	- v1.1
Date Created	- 2024-07-09

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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